

```
tweise@weise-laptop:~$ python3
Python 3.10.12 (main, Nov 20 2023, 15:14:05) [GCC 11.4.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> from math import inf
>>> inf - 1
inf
>>> inf - 1e300
inf
>>> inf - inf
nan
>>> inf / 1e300
inf
>>> inf / inf
nan
>>> from math import nan
>>> nan + 1
nan
>>> nan + inf
nan
>>> nan == 1
False
>>> nan != 1
True
>>> 1 != 1
False
>>> nan == nan
False
>>> nan != nan
True
>>> inf == inf
True
>>> inf != inf
False
>>> exit()
tweise@weise-laptop:~$
```